Name (Print/type)

Signature

Mary Steubing

PTO/SB/05 (03-01)

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number							
✓ UTILITY	Attorney Docket No. 160-014							
PATENT APPLICATION	First Inventor Backes							
TRANSMITTAL	Title Apparatus for Scanning Radio Frequency Channels							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV439629124US							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
Fee Transmittal Form (e.g., PTO/SB/17)     (Submit an original and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission							
2. X Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
3. X Application for Patent [Total Pages 100]	a. Computer Readable Form (CRF)							
96 pp. Specification 3 pp - Claim(s) 1-4 1 pg Abstract of the Disclosure	<ul> <li>b. Specification Sequence Listing on:</li> <li>i.</li></ul>							
	ACCOMPANYING APPLICATION PARTS							
	9. X Assignment Papers  10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney							
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 62]	11. English Translation Document (if applicable)							
5. X Oath or Declaration [Total Sheets 2]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations							
a. X Newly executed (original or copy)	13. Preliminary Amendment							
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)							
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
6. Application Data Sheet. See 37 CFR 1.76	17. Other:							
18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:								
Prior application information: Examiner Group Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
X Customer Number or Bar Code Label  34845  (Insert Customer No. or Attach bar code label bere)  Correspondence address below								
Name Steubing McGuinness & Manaras LL	Steubing McGuinness & Manaras LLP							
125 Nagog Park Drive	125 Nagog Park Drive							
Address								
City Acton	State MA Zip Code 01720							
Country USA Telep	phone 978-264-6664 Fax 978-264-9119							

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Registration No. (Attorney/Agent) 37,946

Date

February 18, 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete ii Teretti				
FEE TRANSMITTAL	Application Number	Not yet known			
LEE INVIOUNTIAL	Filing Date	Herewith			
for FY 2004	First Named Inventor	Backes			
	Examiner Name				
Effective 10/01/2003. Patent fees are subject to annual revision.	Art I Init				

	Effective 10/01/2003. Patent fees are subject to armular revision		Art Unit		ļ				
METHOD OF PAYMENT (check all that apphy)   Seather   S	X Applicant Claims small entity status. See 37 CFR 1	.27	27 Attempt Docket No. 11			-			
Creek   Cree								==	
Check   Credit card   More   None	METHOD OF PAYMENT (check all that apply)	THE CALCULATION (and inved)							
Completed   Code   Co	Money Other None	3. ADDITI						į	
Deposit Account     Deposit Account   Deposit   Society   Societ	Check Credit card Order Other Check			ntity	Fee Desi	cription	Fee Pa	aid	
Size	X Deposit Account	Code (\$)	Code (	5)		•		<b>一」</b>	
Steubing McQuinness & Manaras LIP   1052   50   2052   25   25   25   25   25		1051 13	0 2051	65 Sur	charge – late filing let	or oam		_	
The Director is authorized to: (check all that apply)   163   130   1053   130	Number	1052 - 5	50 2052 25 Surcharge – late provisional filing fee or						
The Director is authorized to: (check all that apply)   1053   130   130	Account	, , , ,		COV	ver sneet			[	
X   Charge any additional feets) or any undersymment of eets)   1804   920   1804   920   1804   920   1805   18		1053 13	- 1						
Substitute   Sub	X   Charge fee(s) indicated below   X   Credit any overpayments	_,	· .		filing a request for ex	parte reexamin f SIR prior to	ation	$\dashv$	
Substitute   Description   Fee   Paid   Substitute   Su	x Charge any additional fee(s) or any underpayment of fee(s)	1804 920	0*   1804		aminor action		ļ <del></del>		
1251   110   2251   55   55   55   55   55   55	Charge fee(s) indicated below, except for the filing fee	1805 1,840	0*   1805   1	1,840* Red Exa	questing publication o aminer action	. On Carter			
1. BASIC FILING FEE   1252   420   2252   210   Extension for reply within second month   1253   253	to the above-identified deposit account.	1,051 11	2251	55 Ext	tension for reply within	first month			
1. BASIC FILING FEE   Small Entity									
Large Entity   Small Entity   Fee   Pee   Fee	•								
1001   770   2001   385   Utility filing fee   385.00   1401   330   2401   165   Notice of Appeal   1002   340   2002   170   Design filing fee   1403   290   2403   145   Request for oral hearing   1451   1,510   1451   1,510   1451   1,510   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   1452   110   1452   1303   2401   165   Petition to revive – unintentional   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   145   Request for oral hearing   1452   110   1452   1303   2403   2403   145   Request for oral hearing   1452   110   1452   1303   2403   2403   145   Request for oral hearing   1452   110   1452   1	Large Entity   Small Entity   Fee   Fee								
1001   770   2001   395   2003   265   Plant filing fee   1003   530   2003   265   Plant filing fee   1403   290   2004   385   Reissue filing fee   1403   290   2005   80   Provisional filing fee   1403   290   2403   145   Request for oral hearing   1403   290   2403   145   Request for oral hearing   1405   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405   2403   1405	Code (\$) Code (\$)		1						
1003 530 2003 265 Plant filing fee	1001 //0 2001 385 Outly hing lec		1						
1004   770   2004   385   Reissue filing fee   1403   290   2403   145   Request for learning   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   2452   55   Petition to revive – unintentional   1452   110   1252	TOOL O'TO DOOR DIVERSION FOR	1402 3	30 2402						
1005   160   2005   80   Provisional filing fee   SUBTOTAL (1)   (\$) 385.00   1451   1,510   1452   110   2455   55   Petition to revive – unavoidable   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   55   Petition to revive – unintentional   1452   110   2455   250   240   Design issue fee   1503   640   2503   320   Plant issue fee   1503   640   2503   320   Plant issue fee   1460   130   1460   130   Petitions to the Commissioner   1460   130   Peti	Delegan Sling for	1403 2	·				,		
SUBTOTAL (1) (\$) 385.00	and Devisional films foo						""'g	-	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	(6) 205 00								
Total Claims		The state of the s							
Total Claims 4 -20"	Fee from	1502 4	80 2502	240 De	esign issue fee				
1460   130   1460   1460   130   1460   1460   130   1460   14		-	40 2503	320 Pla	ant issue fee				
Multiple Dependent Large Entity Small Entity Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims in excess of 3 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 1206 180 2205 9 "Reissue claims in excess of 20 1207 1809 770 2810 385 Filling a submission after final rejection (37 CFR 1.129(a)) 1201 86 2201 43 Independent claims in excess of 3 1201 86 2201 43 Independent claims in excess of 3 1202 1802 900 1802 900 1802 900 1203 290 2203 145 Multiple dependent claims over original patent 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  "Reduced by Basic Filing Fee Paid  Complete (# applicable)  Registration No.  Alternative Medical Recording each patent assignment per property (times number of properties) 1802 1802 385 Filing a submission of Information Disclosure Stmt 1802 1802 1802 385 Filing a patent assignment per property (times number of property (times number of property (times number of properties) 1801 770 2810 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Complete (# applicable)  SUBMITTED BY  Complete (# applicable)	Independent 4 3 - 3 - = X	1460 1	30 1460	130 Pe	etitions to the Commis	sioner			
Large Entity Small Entity Fee Fee Code (\$) F	Claims	1807	50 1807						
Fee Code (\$) Fee Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1202 18 2202 9 Claims in excess of 3  1203 290 2203 145 Multiple dependent claims in ot paid 1204 86 2204 43 "Reissue independent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 1802 900 1802 900 Recording as submission after final rejection (37 CFR 1.129(a))  1201 2810 385 Request for each additional invention to be examined (37 CFR 1.129(b))  1202 1802 900 1802 900 Recording as submission after final rejection (37 CFR 1.129(a))  1203 290 2203 385 Filing a submission after final rejection (37 CFR 1.129(a))  1204 86 2204 43 "Rejested additional invention to be examined (37 CFR 1.129(b))  1205 1802 900 1802 900 Recording as submission after final rejection (37 CFR 1.129(b))  1206 1809 1809 1809 1809 1809 1809 1809 1809		1806 1	80 1806					40.00	
1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claims over original patent  1204 86 2204 43 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  "**Or number previously paid, if greater; For Reissues, see above  **Reduced by Basic Filing Fee Paid Subtrotal (37 CFR 1.129(b))  Request for Continued Examination (RCE)  Request for expedited examination of a design application  Other fee (specify)  "Reduced by Basic Filing Fee Paid SubTOTAL (3) (\$)40.00  Complete (if applicable)  Telephone 978-264-6664	Fee Fee Fee Fee Description	8021	40 8021	40 Re	ecording each patent moety (times number o	assignment per of properties)		#0.00	
1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claims over original patent  1204 86 2204 43 **Reissue independent claims over original patent  1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  ***or number previously paid, if greater; For Reissues, see above  **Reduced by Basic Filing Fee Paid SubTOTAL (3) (\$)40.00  SUBMITTED BY  Registration No. (Afterward/Lend) 37,946  **Telephone 978-264-6664	0. Other in suppose of 20	1809 7	770 2809	385 Fil	iling a submission afte	r final rejection			
1203 290 2203 145 Multiple dependent claim, if not paid 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent Subtrotal (\$) (\$) "* or number previously paid, if greater; For Reissues, see above Submitted By  Submitted By  Registration No. (Afterward/Apert) 37,946 Telephone 978-264-6664	and the state of 3	1810 7	770 2810	е>	xamined (37 CFR 1.13	29(b))			
1204 86 2204 43 "Reissue independent claims over original patent 1802 900 1802 900 of a design application 1802 900 of a design appl	1203 290 2203 145 Multiple dependent claim, if not paid	1 1801 7		ъ.	equest for Continued E	xamination (RCE	·)		
1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)	**Reissue independent claims		900   1802	900 R	f a design application		<u> </u>		
SUBTOTAL (2) (\$)  "or number previously paid, if greater, For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00  SUBMITTED BY  Registration No.  (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, see above Registration No. (Atterpreviously paid, if greater, For Reissues, For R	over original patern	1	•						
** or number previously paid, if greater, For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00  **Complete (if applicable)  **Registration No. (Afterney/Area) 37,946  **Telephone 978-264-6664	and over original paterit	Otherford	(enecify)						
SUBMITTED BY  Registration No. (Attended to paster limity)  Complete (if applicable)  Telephone 978-264-6664		, ·			SUBTOTA	TAL (3) (\$)40.00			
SUBMITTED BY  Registration No.  (Alternative Agent) 37,946  Telephone 978-264-6664	** or number previously paid, if greater; For Reissues, see above	Reduced 6	y Desic Fairig	. 50 . 5.0			enolicable)		
(C. (At)   Many Chaubing   /Attempt/Agenti   VI (VTV	SUBMITTED BY								
	Name (Print/Type) Mary Steubing			37,946		Telephone Date	978-264-66		

Signature